PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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| **Applicant:** Toni M. Antalis, et al. | **Docket:** 11168A |
| **Serial No:** Unassigned | **Art Unit:** Unassigned |
| **Filed:** Herewith | **Dated:** January 7, 2002 |
| **For:** Novel Molecules | **Docket:** 11168A |

Assistant Commissioner for Patents
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Prior to examination, please amend the above-identified patent application as follows:

**IN THE SPECIFICATION:**

Please insert before the subheading of "FIELD OF THE INVENTION":

--CROSS-REFERENCE TO RELATED APPLICATIONS

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Dated: January 7, 2002

Michelle Mustafa

The present invention is a Divisional of U.S. Patent Application Serial No.: 09/023,942, filed on February 13, 1998--

**IN THE CLAIMS:**

Please cancel claims 1-65, without prejudice.

Please add the following new claims 66-76.

66. An isolated proteinaceous molecule having serine proteinase activity comprising an amino acid sequence encoded by a nucleotide sequence from the group consisting of SEQ ID NO: 3, 5, 28, 29 and 30, or by a nucleotide sequence having at least 50% similarity to any one of those sequences or their complementary forms, or by a nucleotide sequence capable of hybridizing to any one of those sequences or their complementary forms under medium stringency conditions at 42° C.

67. An isolated proteinaceous molecule having serine proteinase activity comprising an amino acid sequence encoded by the nucleotide sequence set forth in SEQ ID NO: 3, or by a nucleotide sequence having at least 50% similarity to the nucleotide sequence as set forth in SEQ ID NO: 3 or its complementary form, or by a nucleotide sequence capable of hybridizing to the nucleotide sequence as set forth in SEQ ID NO: 3 or its complementary form under medium stringency conditions at 42° C.

68. An isolated proteinaceous molecule having serine proteinase activity

comprising an amino acid sequence encoded by the nucleotide sequence set forth in SEQ ID NO: 5, or by a nucleotide sequence having at least 50% similarity to the nucleotide sequence as set forth in SEQ ID NO: 5 or its complementary form, or by a nucleotide sequence capable of hybridizing to the nucleotide sequence as set forth in SEQ ID NO: 5 or its complementary form under medium stringency conditions at 42° C.

69. An isolated proteinaceous molecule having serine proteinase activity comprising an amino acid sequence selected from the group consisting of SEQ ID NO: 4 and 6, or an amino acid sequence having at least 50% similarity to SEQ ID NO: 4 or 6.

70. An isolated proteinaceous molecule having serine proteinase activity comprising an amino acid sequence as set forth in SEQ ID NO: 4, or an amino acid sequence having at least 50% similarity to SEQ ID NO: 4, or an amino acid sequence having at least 50% similarity to SEQ ID NO: 4.

71. An isolated proteinaceous molecule having serine proteinase activity comprising an amino acid sequence as set forth in SEQ ID NO: 6, or an amino acid sequence having at least 50% similarity to SEQ ID NO: 6.

72. A derivative or homologue of a proteinaceous molecule having serine proteinase activity, wherein said derivative or homologue is encoded by a nucleotide sequence having at least 50% similarity to a nucleotide sequence selected from the group consisting of SEQ ID NO: 3, 5, 28, 29 and 30 or its complementary form, or by a

nucleotide sequence capable of hybridizing to any one of those sequences or their complementary forms under medium stringency conditions at 42° C.

73. A derivative or homologue of a proteinaceous molecule having serine proteinase activity, wherein said derivative or homologue is encoded by a nucleotide sequence having at least 50% similarity to a nucleotide sequence as set forth in SEQ ID NO: 3 or its complementary form, or by a nucleotide sequence capable of hybridizing to SEQ ID NO: 3 or its complementary form under medium stringency conditions at 42° C.

74. A deriviative or homologue of a proteinaceous molecule having serine proteinase activity, wherein said derivative or homologue is encoded by a nucleotide sequence having at least 50% similarity to the nucleotide sequence as set forth in SEQ ID NO: 5 or its complementary form, or by a nucleotide sequence capable of hybridizing to SEQ ID NO: 5 or its complementary form under medium stringency conditions at 42° C.

75. A composition comprising a proteinaceous molecule according to any one of Claims 66-71, and one or more pharmaceutically acceptable carriers or diluents.

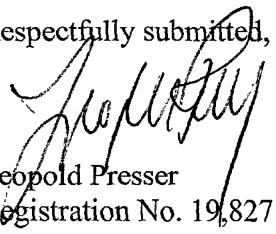
76. A composition comprising a derivative or homologue according to any one of Claims 72-74, and one or more pharmaceutically acceptable carriers or diluents.

## REMARKS

Applicants have cancelled claims 1-65, without prejudice. Claims 66-76 have been added. Support for claims 66-76 is found throughout the specification and particularly at page 3, line 30-page 4, line 7 and in claims 1, 2, 3, 5, 6, 44, for example. No new matter has been added.

It is respectfully requested that this Preliminary Amendment be entered in this application prior to examination. Early and favorable consideration is requested.

Respectfully submitted,



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